

CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority • Guam Waterworks Authority P.O.BOX 2977 • Agana, Guam 96932

Resolution No. 2016-31

RESOLUTION AUTHORIZING THE GUAM POWER AUTHORITY (GPA) TO CONTINUE AND COMPLETE THE CONVERSION AND INSTALLATION OF ENERGY EFFICIENT LED STREETLIGHTS

WHEREAS, GPA is responsible for the installation and maintenance of streetlights on GPA power poles along public rights-of-way; and

WHEREAS, GPA has installed and maintains 16,862 streetlights which provide illumination of the roadways, vehicles, and pedestrians at night and to safeguard and facilitate vehicular and pedestrian traffic; and

WHEREAS, GPA seeks to become more energy efficient and reduce operating and maintenance costs by upgrading the technology of existing streetlights from high pressure sodium (HPS) to light emitting diode (LED) streetlights; and

WHEREAS, implementation of an LED Streetlight Replacement program will save on fuel expenses by nearly \$1 million annually and reduce annual maintenance costs by approximately \$400,000; and

WHEREAS, GPA has converted to date 4,886 each total HPS to LED lights; and

WHEREAS, GPA anticipates to convert another 1,400 HPS streetlights to LED by the end of FY2016; and

WHEREAS, GPA has an existing indefinite quantity contract with JMI Edison for the supply of 150W and 250W equivalent LED luminaires; and

WHEREAS, the Consolidated Commission on Utilities (CCU) has authorized the Guam Power Authority to proceed with the conversion and installation of energy efficient LED streetlights for the GPA power system under CCU Resolution No. 2015-05 for FY 2015; and

28 2015; and

WHEREAS, the CCU has authorized GPA to procure LED luminaires for FY2016 in an amount not to exceed \$500,000 under CCU Resolution No. 2016-21; and

1	WHE	REAS, GPA is seeking approval from the Consolidated Commission or
2	Utilities to s	upport the completion of the LED Streetlight Replacement program for the
3	change out of the remaining HPS streetlights to be completed in Fiscal Year 2017; and	
4	WHEREAS, GPA will replace the remaining approximately 10,130 HPS streetlight	
5	to LED streetlights for a total project cost of \$2,792,100, which is comprised of \$2,249,50	
6	in materials c	ost and approximately \$542,500 in GPA in-house labor and equipment costs.
7		
8	NOW	, THEREFORE, BE IT RESOLVED, by the Consolidated Commission or
9	Utilities as follows:	
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11	1.	GPA's request to continue the implementation of the LED Streetlight
12		Replacement program is reasonable, prudent, and necessary to reduce costs
13		and improve operations and maintenance of the GPA Transmission &
14		Distribution system to be funded under the General CIP Budget.
15	2.	The General Manager of GPA is authorized to seek PUC approval for the
16		LED Streetlight Conversion Program, which will replace all remaining HPS
17		streetlights to LED.
18	3.	The General Manager of the Guam Power Authority is authorized subsequent
19		to PUC approval to proceed with the completion of the LED Streetlight
20		Replacement program, which involves the procurement and installation of ar
21		additional 10,133 streetlights at a projected cost of \$2,792,100.
22		
23	RESC	DLVED, that the Chairman of the Commission certifies and the Secretary of the
24	Commission	attests the adoption of this Resolution.
25		
26	DULY	Y and REGULARLY ADOPTED this 24 th day of May, 2016.
27 28	Certified by:	Attested By:
29	confined by.	Anosted By.
30 31	$O_{a} =$	I had by
32	41.	S Trus
33 34	JOSEPH T. D Chairman	, 1
35	Chamman	CCU Board Secretary
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SECRETARY'S CERTIFICATE

I, J. George Bamba, Secretary for the Consolidated Commission on Utilities do hereby certify that the foregoing is a full, true, and correct copy of the resolution duly adopted at a regular meeting of the members of Guam's Consolidated Commission on Utilities, duly and legally held at the meeting place thereof on May 24, 2016 at which meeting of all said members had due notice and at which at least a majority thereof were present, and

At said meeting said resolution was adopted by the following vote:

Ayes: 4

Nays: 0

Absent: |

Abstain: U

As of the date of this certification, said original resolution has not been amended, modified, or rescinded since the date of its adoption, and the same is now in full force and effect.

SO CERTIFIED this 24th day of May, 2016.

J. GEORGE BAMBA

Secretary

Consolidated Commission on Utilities